

Raw Sequence Listing Error Summary

ERROR DETECTED SUGGESTED CORRECTION

SERIAL NUMBER: 09/756,398

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- 1 Wrapped Nucleics The number/text at the end of each line "wrapped" down to the next line.
This may occur if your file was retrieved in a word processor after creating it.
Please adjust your right margin to .3, as this will prevent "wrapping".
- 2 Wrapped Aminos The amino acid number/text at the end of each line "wrapped" down to the next line.
This may occur if your file was retrieved in a word processor after creating it.
Please adjust your right margin to .3, as this will prevent "wrapping".
- 3 Incorrect Line Length The rules require that a line not exceed 72 characters in length. This includes spaces.
- 4 Misaligned Amino Acid Numbering The numbering under each 5th amino acid is misaligned. This may be caused by the use of tabs between the numbering. It is recommended to delete any tabs and use spacing between the numbers.
- 5 Non-ASCII This file was not saved in ASCII (DOS) text, as required by the Sequence Rules.
Please ensure your subsequent submission is saved in ASCII text so that it can be processed.
- 6 Variable Length Sequence(s) contain n's or Xaa's which represented more than one residue.
As per the rules, each n or Xaa can only represent a single residue.
Please present the maximum number of each residue having variable length and indicate in the (ix) feature section that some may be missing.
- 7 PatentIn ver. 2.0 "bug" A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequence(s) . Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence.
- 8 Skipped Sequences (OLD RULES) Sequence(s) missing. If intentional, please use the following format for each skipped sequence:
(2) INFORMATION FOR SEQ ID NO:X:
(i) SEQUENCE CHARACTERISTICS:(Do not insert any headings under "SEQUENCE CHARACTERISTICS")
(xi) SEQUENCE DESCRIPTION:SEQ ID NO:X:
This sequence is intentionally skipped

Please also adjust the "(iii) NUMBER OF SEQUENCES:" response to include the skipped sequence(s).
- 9 Skipped Sequences (NEW RULES) Sequence(s) missing. If intentional, please use the following format for each skipped sequence.
<210> sequence id number
<400> sequence id number
000
- 10 Use of n's or Xaa's (NEW RULES) Use of n's and/or Xaa's have been detected in the Sequence Listing.
Use of <220> to <223> is MANDATORY if n's or Xaa's are present.
In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.
- 11 Use of <213>Organism (NEW RULES) Sequence(s) All are missing this mandatory field or its response. *Correct*
- 12 Use of <220>Feature (NEW RULES) Sequence(s) are missing the <220>Feature and associated headings.
Use of <220> to <223> is MANDATORY if <213>ORGANISM is "Artificial" or "Unknown"
Please explain source of genetic material in <220> to <223> section.
(See "Federal Register," 6/01/98, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of new Rules)
- 13 PatentIn ver. 2.0 "bug" Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other means to copy file to floppy disk.

OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/756,398

DATE: 02/05/2001
TIME: 14:25:45

Input Set : A:\0975.1005-006SEQLIST.TXT
Output Set: N:\CRF3\02052001\I756398.raw

```

4 <110> APPLICANT: Junming Le
5   Jan Vilcek
6   Peter Daddona
7   John Ghrayeb
8   David M. Knight
9   Scott Siegel
11 <120> TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
12   Human Tumor Necrosis Factor
15 <130> FILE REFERENCE: 0975.1005-006
C--> 17 <140> CURRENT APPLICATION NUMBER: US/09/756,398
C--> 17 <141> CURRENT FILING DATE: 2001-01-08
17 <150> PRIOR APPLICATION NUMBER: U.S. 09/133,119
18 <151> PRIOR FILING DATE: 1998-08-12
20 <150> PRIOR APPLICATION NUMBER: U.S. 08/570,674
21 <151> PRIOR FILING DATE: 1995-12-11
23 <150> PRIOR APPLICATION NUMBER: U.S. 08/324,799
24 <151> PRIOR FILING DATE: 1994-10-18
26 <150> PRIOR APPLICATION NUMBER: U.S. 08/192,102
27 <151> PRIOR FILING DATE: 1994-02-04
29 <150> PRIOR APPLICATION NUMBER: U.S. 08/192,861
30 <151> PRIOR FILING DATE: 1994-02-04
32 <150> PRIOR APPLICATION NUMBER: U.S. 08/192,093
33 <151> PRIOR FILING DATE: 1994-02-04
35 <150> PRIOR APPLICATION NUMBER: U.S. 08/010,406
36 <151> PRIOR FILING DATE: 1993-01-29
38 <150> PRIOR APPLICATION NUMBER: U.S. 08/013,413
39 <151> PRIOR FILING DATE: 1993-02-02
41 <150> PRIOR APPLICATION NUMBER: U.S. 07/943,852
42 <151> PRIOR FILING DATE: 1992-09-11
44 <150> PRIOR APPLICATION NUMBER: U.S. 07/853,606
45 <151> PRIOR FILING DATE: 1992-03-18
47 <150> PRIOR APPLICATION NUMBER: U.S. 07/670,827
48 <151> PRIOR FILING DATE: 1991-03-18
50 <160> NUMBER OF SEQ ID NOS: 19
52 <170> SOFTWARE: FastSEQ for Windows Version 4.0
54 <210> SEQ ID NO: 1
55 <211> LENGTH: 157
56 <212> TYPE: PRT
57 <213> ORGANISM: peptide
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61   1           5           10          15
62 Val Ala Asn Pro Gln Ala Glu Gly Gln Leu Gln Trp Leu Asn Arg Arg
63   20          25          30
64 Ala Asn Ala Leu Leu Ala Asn Gly Val Glu Leu Arg Asp Asn Gln Leu
65   35          40          45
66 Val Val Pro Ser Glu Gly Leu Tyr Leu Ile Tyr Ser Gln Val Leu Phe

```

Does Not Comply
Corrected Diskette Needed

Numeric Identifier 213
can only be:
 1) Scientific Name
 "Genus Species"
 2) Artificial Sequence
 3) Unknown

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67      50          55          60
68 Lys Gly Gln Gly Cys Pro Ser Thr His Val Leu Leu Thr His Thr Ile
69 65           70          75          80
70 Ser Arg Ile Ala Val Ser Tyr Gln Thr Lys Val Asn Leu Leu Ser Ala
71           85          90          95
72 Ile Lys Ser Pro Cys Gln Arg Glu Thr Pro Glu Gly Ala Glu Ala Lys
73           100         105         110
74 Pro Trp Tyr Glu Pro Ile Tyr Leu Gly Gly Val Phe Gln Leu Glu Lys
75           115         120         125
76 Gly Asp Arg Leu Ser Ala Glu Ile Asn Arg Pro Asp Tyr Leu Asp Phe
77           130         135         140
78 Ala Glu Ser Gly Gln Val Tyr Phe Gly Ile Ile Ala Leu
79 145           150         155
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83 <211> LENGTH: 321
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88 <221> NAME/KEY: CDS
W--> 89 <222> LOCATION: (4) ... (321)
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93 Asp Ile Leu Leu Thr Gln Ser Pro Ala Ile Leu Ser Val Ser Pro Gly
94 1           5           10          15
95 gaa aga gtc agt ttc tcc tgc aqg gcc agt cag ttc gtt ggc tca agc 96
97 Glu Arg Val Ser Phe Ser Cys Arg Ala Ser Gln Phe Val Gly Ser Ser
98           20          25          30
100 atc cac tgg tat cag caa aga aca aat ggt tct cca agg ctt ctc ata 144
101 Ile His Trp Tyr Gln Gln Arg Thr Asn Gly Ser Pro Arg Leu Leu Ile
102           35          40          45
103 aag tat gct tct gag tct atg tct ggg atc cct tcc agg ttt agt ggc 192
105 Lys Tyr Ala Ser Glu Ser Met Ser Gly Ile Pro Ser Arg Phe Ser Gly
106           50          55          60
107 agt gga tca ggg aca gat ttt act ctt agc atc aac act gtg gag tct 240
109 Ser Gly Ser Gly Thr Asp Phe Thr Leu Ser Ile Asn Thr Val Glu Ser
110           65          70          75          80
112 gaa gat att gca gat tat tac tgt caa caa agt cat agc tgg cca ttc 288
113 Glu Asp Ile Ala Asp Tyr Tyr Cys Gln Gln Ser His Ser Trp Pro Phe
114           85          90          95
116 acg ttc ggc tcg ggg aca aat ttg gaa gta aaa 321
117 Thr Phe Gly Ser Gly Thr Asn Leu Glu Val Lys
118           100         105
121 <210> SEQ ID NO: 3
122 <211> LENGTH: 107
123 <212> TYPE: PRT
124 <213> ORGANISM: Protein
126 <400> SEQUENCE:
127 Asp Ile Leu Leu Thr Gln Ser Pro Ala Ile Leu Ser Val Ser Pro Gly
128 1           5           10          15

```

start range with 1

See page 1

RAW SEQUENCE LISTING DATE: 02/05/2001
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Input Set : A:\0975.1005-006SEQLIST.TXT
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129 Glu Arg Val Ser Phe Ser Cys Arg Ala Ser Gln Phe Val Gly Ser Ser
 130 20 25 30
 131 Ile His Trp Tyr Gln Gln Arg Thr Asn Gly Ser Pro Arg Leu Leu Ile
 132 35 40 45
 133 Lys Tyr Ala Ser Glu Ser Met Ser Gly Ile Pro Ser Arg Phe Ser Gly
 134 50 55 60
 135 Ser Gly Ser Gly Thr Asp Phe Thr Leu Ser Ile Asn Thr Val Glu Ser
 136 65 70 75 80
 137 Glu Asp Ile Ala Asp Tyr Tyr Cys Gln Gln Ser His Ser Trp Pro Phe
 138 85 90 95
 139 Thr Phe Gly Ser Gly Thr Asn Leu Glu Val Lys
 140 100 105
 143 <210> SEQ ID NO: 4
 144 <211> LENGTH: 357
 145 <212> TYPE: DNA
 146 <213> ORGANISM: cDNA
 148 <220> FEATURE:
 149 <221> NAME/KEY: CDS
 W--> 150 <222> LOCATION: 160...(357)
 152 <400> SEQUENCE: 4
 153 gaa gtg aag ctt gag gag tct gga gga ggc ttg gtg caa cct gga gga 48
 154 Glu Val Lys Leu Glu Glu Ser Gly Gly Leu Val Gln Pro Gly Gly
 155 1 5 10 15
 156 tcc atg aaa ctc tcc tgt gtt gcc tct gya ttc att ttc agt aac cac 96
 157 Ser Met Lys Leu Ser Cys Val Ala Ser Gly Phe Ile Phe Ser Asn His
 158 20 25 30
 159 tgg atg aac tgg gtc cgc cag tct cca gag aag ggg ctt gaa tgg gtt 144
 160 Trp Met Asn Trp Val Arg Gln Ser Pro Glu Lys Gly Leu Glu Trp Val
 161 35 40 45
 162 gct gaa att aga tca aaa tct att aat tct gca aca cat tat gcg gag 192
 163 Ala Glu Ile Arg Ser Lys Ser Ile Asn Ser Ala Thr His Tyr Ala Glu
 164 50 55 60
 165 tct gtg aaa ggg agg ttc acc atc tca aga gat gat tcc aaa agt gct 240
 166 Ser Val Lys Gly Arg Phe Thr Ile Ser Arg Asp Asp Ser Lys Ser Ala
 167 65 70 75 80
 168 gtc tac ctg caa atg acc gac tta aga act gaa gac act ggc gtt tat 288
 169 Val Tyr Leu Gln Met Thr Asp Leu Arg Thr Glu Asp Thr Gly Val Tyr
 170 85 90 95
 171 tac tgt tcc agg aat tac tac ggt agt acc tac gac tac tgg ggc caa 336
 172 Tyr Cys Ser Arg Asn Tyr Tyr Gly Ser Thr Tyr Asp Tyr Trp Gly Gln
 173 100 105 110
 174 ggc acc act ctc aca gtc tcc 357
 175 Gly Thr Thr Leu Thr Val Ser
 176 115
 177 <210> SEQ ID NO: 5
 178 <211> LENGTH: 119
 179 <212> TYPE: PRT
 180 <213> ORGANISM: Protein
 181 <400> SEQUENCE: 5

*— see page 1
start range with 1*

RAW SEQUENCE LISTING
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Input Set : A:\0975.1005-006SEQLIST.TXT
Output Set: N:\CRF3\02052001\I756398.raw

192 Glu Val Lys Leu Glu Ser Gly Gly Leu Val Gln Pro Gly Gly
193 1 5 10 15
194 Ser Met Lys Leu Ser Cys Val Ala Ser Gly Phe Ile Phe Ser Asn His
195 20 25 30
196 Trp Met Asn Trp Val Arg Gln Ser Pro Glu Lys Gly Leu Glu Trp Val
197 35 40 45
198 Ala Glu Ile Arg Ser Lys Ser Ile Asn Ser Ala Thr His Tyr Ala Glu
199 50 55 60
200 Ser Val Lys Gly Arg Phe Thr Ile Ser Arg Asp Asp Ser Lys Ser Ala
201 65 70 75 80
202 Val Tyr Leu Gln Met Thr Asp Leu Arg Thr Glu Asp Thr Gly Val Tyr
203 85 90 95
204 Tyr Cys Ser Arg Asn Tyr Tyr Gly Ser Thr Tyr Asp Tyr Trp Gly Gln
205 100 105 110
206 Gly Thr Thr Leu Thr Val Ser
207 115
210 <210> SEQ ID NO: 6
211 <211> LENGTH: 8
212 <212> TYPE: PRT
213 <213> ORGANISM: Protein
215 <400> SEQUENCE: 6
216 Gly Thr Leu Val Thr Val Ser Ser
217 1 5
220 <210> SEQ ID NO: 7
221 <211> LENGTH: 7
222 <212> TYPE: PRT
223 <213> ORGANISM: Protein
225 <400> SEQUENCE: 7
226 Gly Thr Lys Leu Glu Ile Lys
227 1 5
230 <210> SEQ ID NO: 8
231 <211> LENGTH: 20
232 <212> TYPE: DNA
233 <213> ORGANISM: cDNA
235 <400> SEQUENCE: 8
236 cctggattacc tgtgaaaaga 20
238 <210> SEQ ID NO: 9
239 <211> LENGTH: 27
240 <212> TYPE: DNA
241 <213> ORGANISM: cDNA
243 <400> SEQUENCE: 9
244 cctggatcc tagtccccgt ctccctca 27
246 <210> SEQ ID NO: 10
247 <211> LENGTH: 27
248 <212> TYPE: DNA
249 <213> ORGANISM: cDNA
251 <400> SEQUENCE: 10
252 aatagatatac tccttcaaca cctgcaa
254 <210> SEQ ID NO: 11

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RAW SEQUENCE LISTING
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DATE: 02/05/2001
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Input Set : A:\0975.1005-006SEQLIST.TXT
Output Set: N:\CRF3\02052001\I756398.raw

255 <211> LENGTH: 21	
256 <212> TYPE: DNA	
257 <213> ORGANISM: CDNA	
259 <400> SEQUENCE: 11	
260 atcgggacaa agttggaaat a	21
262 <210> SEQ ID NO: 12	
263 <211> LENGTH: 16	
264 <212> TYPE: DNA	
265 <213> ORGANISM: CDNA	
267 <400> SEQUENCE: 12	
268 ggcgtcttgg taccgg	16
270 <210> SEQ ID NO: 13	
271 <211> LENGTH: 19	
272 <212> TYPE: DNA	
273 <213> ORGANISM: CDNA	
275 <400> SEQUENCE: 13	
276 qtcacaacaata tagtcatca	19
278 <210> SEQ ID NO: 14	
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288 <212> TYPE: DNA	
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292 aatctgggtt aggccacaa	18
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296 <212> TYPE: DNA	
297 <213> ORGANISM: CDNA	
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300 agttgtgttt cccaaagg	17
302 <210> SEQ ID NO: 17	
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308 cacagctgcc cggccaggta gcat	24
310 <210> SEQ ID NO: 18	
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312 <212> TYPE: DNA	
313 <213> ORGANISM: CDNA	
315 <400> SEQUENCE: 18	
316 gtcgccatgt ctcccctt	17
318 <210> SEQ ID NO: 19	
319 <211> LENGTH: 20	

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VERIFICATION SUMMARY DATE: 02/05/2001
PATENT APPLICATION: US/09/756,398 TIME: 14:25:46

Input Set : A:\0975.1005-006SEQLIST.TXT
Output Set: N:\CRF3\02052001\I756398.raw

L:17 M:270 C: Current Application Number differs, Replaced Current Application No
L:17 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:89 M:351 W: Sequence data Name/Key Feature Out-of-Range, SEQ ID#:2, CDS LOCATION: (0)...(321)
L:150 M:351 W: Sequence data Name/Key Feature Out-of-Range, SEQ ID#:4, CDS LOCATION: (0)...(357)